

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Jul 2026

Investigating the Effect of Education on Awareness of Primary School Children about Prevention and Taking Initial Actions in Dealing with Burns

Protocol summary

Study aim

The purpose of this study was to investigate the effect of education on the awareness of primary school children about burn prevention and taking initial actions encountering burns.

Design

Interventional, educational-based, single group, random, not blind, sample size 150 students

Settings and conduct

The study is conducted in 6 girls and boys' primary and secondary schools in three different educational areas of Tehran, the fourth to sixth grade. Training is taught at a 50-minute session with a specific lesson plan by a trained expert using magnetic board. Educational content is about prevention and taking first steps in dealing with burns. The level of awareness of children before and after training is evaluated immediately and 1 to 3 months after the training by check list.

Participants/Inclusion and exclusion criteria

Inclusion criteria: 10-12 years old, obtaining warrant from the Tehran Office of Education and Research, satisfaction and cooperation of school officials, students' consent to attend training sessions and Exclusion criteria: students' dissatisfaction with participation in training sessions

Intervention groups

Intervention group: preventive training and taking initial actions encountering burn

Main outcome variables

Awareness of children about prevention and taking initial actions in dealing with burns by check list

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20111123008177N19**

Registration date: **2018-12-09, 1397/09/18**

Registration timing: **registered_while_recruiting**

Last update: **2018-12-09, 1397/09/18**

Update count: **0**

Registration date

2018-12-09, 1397/09/18

Registrant information

Name

Mohammad Javad Fatemi

Name of organization / entity

Burn Research Center of Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 8888 4275

Email address

mj-fatemi@sina.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-11-22, 1397/09/01

Expected recruitment end date

2019-05-05, 1398/02/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the Effect of Education on Awareness of

Primary School Children about Prevention and Taking Initial Actions in Dealing with Burns

IR.IUMS.REC 1395.95-04-129-30288

Public title

The effect of education in prevention and taking initial actions in dealing with burns

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

10 to 12 years old Obtaining warrant from the Tehran Office of Education and Research Satisfaction and cooperation of school officials Students' consent to attend training sessions

Exclusion criteria:

Students' dissatisfaction to attend training

Age

From **10 years** old to **12 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **150**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Iran University of Medical Sciences

Street address

Central building of Iran University of Medical Sciences, next to Milad Tower, Hemmat highway

City

Tehran

Province

Tehran

Postal code

1449614535

Approval date

2017-02-13, 1395/11/25

Ethics committee reference number

Health conditions studied

1

Description of health condition studied

Education

ICD-10 code

Z71.2

ICD-10 code description

Person consulting for explanation of investigation findings

Primary outcomes

1

Description

Awareness

Timepoint

Before training, immediately, 1 to 3 months after training

Method of measurement

Check list

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: A 50-minute training session with a specific lesson plan, taught by a trained expert using a magnet board. Educational content is about prevention and taking first steps in dealing with burns.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Tehran Education Directorate

Full name of responsible person

Abbas Ali Bagheri

Street address

Shahid Sarparast St., West Taleghani St., Felestin Sq

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Tehran

Province

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1416622455

Phone

+98 21 8896 1175

Email

tehran@medu.ir

Web page address

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Seyed Kazem Malakooti

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Central Building of Iran University of Medical Sciences, next to Milad Tower, Hemmat highway

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1449614535

Phone

+98 21 8670 2503

Email

research@iums.ac.ir

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Iran University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Tooran Bagheri

Position

Research expert

Latest degree

Master

Other areas of specialty/work

Nursing

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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

No more information

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Not applicable

Data Dictionary

Not applicable

Title and more details about the data/document

Study protocol, informed consent form, assessment checklist and the study report will be shared.

When the data will become available and for how long

Access period 1 month after printing the article

To whom data/document is available

Researchers in academic institutions

Under which criteria data/document could be used

Documentation will be possible by mentioning the main source.

From where data/document is obtainable

Scientific researcher of the study: Tooran Bagheri Burn
Research Center, Yasemi St., Vali-e-as Ave
00982188884275 tooran1358@gmail.com

What processes are involved for a request to access data/document

The request is sent by email or by telefax. After the confirmation of scientific accountability, the study will be available to the applicant.

Comments